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No. 1

Lectures on the  
different States of mind

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Berges



1  
✓ ~~This fever~~ I shall read a  
description of it. See p. 157 of Vol. IV

I have treated of typhus, typhoid,  
and Synoch. states of fever under general  
directions. Synochula - fever with  
small tense pulse. common in Chronic  
Rheumatism - Gout - Calculus - Suppurat<sup>ns</sup>  
- Jaws &c. case Vol. -

Hectic irregular Intermittent - see Dr  
<sup>Whitby</sup> ~~Heberden~~ - Common in Consump<sup>n</sup> - not  
always derived from pus - have seen it in  
Gout - Geroschula - &c. case Vol. - atonic  
Febricula - low and fever - common  
in South<sup>th</sup> States. Volney. case - tonics - Blister  
Low grade of fever - a ride produces Interm<sup>t</sup>.



we return now to consider the  
different states of fever. — ~~That~~ I  
shall begin  
~~begin~~ with the malignant state  
of fever. <sup>They are plague - fever -</sup> ~~fever~~ <sup>of the bilious</sup>  
Opium - Hydrophobia - ~~or~~ yellow fever. <sup>There</sup>  
remitting yellow fever

is a fever in which malignancy is  
more universal, ~~than in any other,~~ <sup>more violent,</sup> ~~than~~  
in the yellow fever & that is the Plague  
on which I shall make a few remarks. —

— I can say nothing of it from my  
own observations, having never  
seen it, but I shall lay before  
you ~~a few~~ such facts and prin-  
ciples as I have collected from  
books & from Travellers who have  
visited the countries infected with



✓ I say human effluvia to  
distinguish it from the flats of fumes  
w<sup>ch</sup> arise from putrid vegetable  
& animal matters, & from the  
morbid matter produced in capid  
animals to be men? presently.  
many of the plagues of the East are  
from both causes, but unfortunately  
not distinguished from each other.



this ~~disorder~~ disease. 2  
it. These facts will be useful, for  
they will extend your knowledge  
both of fever, and of the animal  
economy. —

1 The plague is the offspring of  
human effluvia. Many facts prove  
this to be the case. It ~~always~~ <sup>generally</sup> ~~is~~  
makes its first appearance among  
poor people who are crowded together  
in narrow streets, and small, & dirty  
houses. — It is only a higher grade  
of the jail or ship fever. In some  
cases this jail fever has been  
nearly equal to the plague of  
Constantinople in malignity,



✓ It is improperly called the inguinal plague by Webster to distinguish it from the bilious plague or the yellow fever. But inguinal swellings are by means confined to the plague - They occur in the bilious fever - the yellow fever, & even <sup>in</sup> the gout. - great mischief has ~~arisen from~~ arisen from calling a disease by any one of its symptoms. It sh<sup>d</sup>. therefore be carefully avoided.



v3  
It mortality <sup>at</sup> Grenada in  
1793. It was ~~propagated~~ <sup>generated</sup> in an African  
ships which had come from  
Sierra Leone. —

2 It is ~~highly~~, ~~but not universally~~  
<sup>but not universally</sup> contagious & it cannot be propagated  
more than 6, or 8 or 10 feet, or  
beyond the reach of the breath.

3 The Contagion ~~It adheres~~ adheres for months  
and years to wool, silk, leather,  
and hair. <sup>It is wood</sup> Dogs & Cats spread it.  
20,000 Dogs, & 80,000 <sup>Cats</sup> were killed  
in London in 1664 to in order  
to prevent their being vehicles  
of the Contagion. —



✓ The disease may be propa-  
-gated ~~by~~ by the breath, before  
it is excited into action in the  
person infected - ~~So~~ in the  
yellow fever. Mr Meredith - the  
traveller ~~by~~ Dr Hodges Case.



weather tho' it frequently ceases in  
hot & dry weather, & in very dry  
& cold weather. In <sup>moist weather favours it</sup> Constantinople  
most.

Mr Volney tells us that it prevails  
chiefly in the summer, which  
is most from the vicinity of that  
city to sea, forests & mountains.  
The dry & cold weather of the winter  
checks it. In Egypt & there the  
winter is moist, it prevails in  
that season, but ceases during  
the hot, and dry summer months.

The moisture favours it, yet  
liquidity destroys it. The water  
men at grand Cairo who are  
constantly washed by carrying



+ The watermen & the people who lived on  
London bridge escaped it in 1665. see Dr Baynard  
on the Cold Bath.

✓ The plague <sup>on</sup> of the Nile ceases as soon as the waters of the Nile reaches its ancient bounds which is in June. It ceases in Syria in the same month as soon as the hot sun has dried up all the <sup>Take notice</sup> ~~fountains~~ of exhalation. Both these plagues are bilious or yellow fever.

It is always preceded by precursory diseases of a less violent nature than itself. In London in 1664, Tyden ham, & Influenza most commonly. & also by Spotted fever, & viscerelas.

Spotted fever; *A. viscidula*.  
It is always like the yellow fever  
a disease of domestic origin. I ven-  
- tured from a few facts to deliver this  
opinion in my acc of the yellow fever  
of 1793, but Mr Webster has confirmed



6  
water in Volney says escape the  
plague! — The Abstraction of the  
Air destroys the Contagion of the  
plague in *Spargaria* — by artif.  
rains, & pails of water. — In this  
respect it is on a footing with the  
*miasmata* —

~~Contagion~~ of the yellow fever.  
The water further abstracts the foul Air of Cities.  
7 The disease may be taken  
One writer says 12 times.  
twice, or three times. This clearly

proves, that it is not like the small  
pox or measles, a specific disease.

*miasmata* or  
8 The Contagion sometimes acts  
suddenly inducing instant death,  
but it more frequently does not  
act for 3 or 4 days. It seldom  
exceeds 4. It often waits to



by <sup>in</sup> several hundred instances.

V It affects dogs & cats & swine at  
some times. Boccaccio saw two  
swine drop down dead in a town  
in Italy from putting their fronts  
among some infected cloaths in  
1348. — The same author tells us y<sup>t</sup>  
It ~~prevents~~ suspends all regard  
for property - & kindred - men desert  
palaces, farms - cattle - <sup>friends</sup> wives -  
& children to avoid the contagion  
[in Italy according to Boccaccio] - thus  
verifying Solomon's Declaration "Skin  
for skin, & all y<sup>t</sup> a man hath will  
he give for his life."

~~even~~ Boccaccio says  
It suspends all modesty - young women  
of rank & great delicacy submitted to be  
naked - dressed & cleaned by men  
Boccaccio



be brought into Action by exciting

causes. —

9 ~~of the~~ Many things have been  
used <sup>as</sup> preventives of the plague.

1 washing the hands & face every  
morning w: Vinegar. Dimer-

-broch's fact.

taken with wine every morning. Parry's 540

2 garlic & 3 Issues. Dr. Hedges' fact.

4 putrefying dogs, cats &c. Small overpowered miasmata.

2 2 Tobacco! Mr Howard positively

Declares, that in no instance did

~~this detestable~~ <sup>it</sup> ~~used~~ ever prevent

ascribes great virtues to

+ Dimerbroch's

the plague.

this was but a best

5 The ~~only~~ preventive is low  
diet. The disease is in flame.

and low diet disarms it of its  
force. 2 small & repeated D.S.



It affected children before grown people  
in Italy in 1348 - Baccaccio

V 4 washing the body in tepid water <sup>or cool</sup> every day would probably prevent it. ~~in the~~ The water here cools the body, opens the pores & absorbs and thus destroys ~~impure matter~~ <sup>Cap. mottat & Bartsch's</sup> foul air. <sup>facts of y: fever.</sup>  
5 avoiding all existing causes of fever.

12. It charms away all other

Discards, or mixes with them.

It is said to be chased away by the small pox, but this according to a principle formerly menti-  
-oned is only in its declining state.



Dr Hodge says have the same  
effect. <sup>3</sup> It is used? mild by inocula<sup>n</sup>.  
but is taken again. V

10 Accidents have sometimes checked  
the plague. An Earthquake checked  
it at Ocracore - and the ~~carbure~~  
fixed air discharged, ~~during the~~  
winds during a Vintage at Moselle

11 Vienna had the same effect.  
The disease is a fever, & ~~appears~~  
as in every possible form of fever.

- It is often an Intermittent. <sup>It is often an Intermittent. It</sup>  
is like the yellow fever an epitome  
of all disease. V

12 As it is the <sup>cure</sup> first of all in flamm<sup>y</sup>  
diseases, the cure consists in taking  
down the morbid & violent action



✓ These are records of the plague I  
grant in <sup>ch</sup> V.S. was hurtful. Here  
the stimulus of the remote cause pro-  
-trates the system below the point of  
reaction. This <sup>violent</sup> form of the disease does  
not militate against the efficacy of  
V.S. in other states of the plague, any  
more than the resistance of the stomach  
to the action of Lact Lint in the yellow  
fever, forbids its use in the common  
bilious fever. In such cases the  
case must be attenuated by small, &  
repeated V.S. in the manner mentioned  
by Riverius. The system ~~is~~ <sup>in</sup> here is like a tree  
which has been violently & ~~long~~ bent  
& for a long time - It may be raised  
gradually, but it ~~will~~ refuses to rise  
suddenly. If small V.S. fails we must  
have recourse to



of this system. This is done  
by Vt. — I mentioned a fact from  
Dydenham in its favor <sup>in the 4<sup>th</sup> Vol. of your Eng.</sup> <sup>Diemer.</sup>  
broch. bleed in both arms for it,  
4 or 2 or 3 times a day. — the Vt.  
must be copious, — more so than  
in the yellow fever. — V

2 Sweating. Dydenham used it,  
After he failed of introducing Vt.  
in London. It has lately been

revived in the Eastern Countries.  
It is <sup>very</sup> ~~exited~~ <sup>with</sup> Oil of

Read Dan Fox's letter.  
mentioned the method by Dydenham formerly  
3 purging, 4 Vomiting <sup>fact of Diemerbroeck</sup> 5

a salivation have all been used  
in it with ~~great~~ advantage, &  
if the above remedies have not



V I think it highly probable that  
a salivation w<sup>d</sup> succeed in all those  
cases in which V<sup>s</sup> ~~was~~ is hurtful.  
The low degree, or total absence of  
action in the blood vessels from ef-  
fected morbid excitement, would  
favour the rapid & certain action  
of the mercury upon the throat.

It has been asked why is the  
plague less common in <sup>London</sup> ~~Britain~~ & in  
other <sup>European</sup> countries than it was 100 years ago?  
I answer - 1 The less compact population  
in London since the great fire <sup>in 1666</sup> & succeeded  
the plague of 1664. 2 The introduction of  
pure river water into the city of London.  
3 The greater cleanliness <sup>in deep & dry</sup> of the houses & streets  
of London. 4 The greater consumption of vegetables  
which drains countries, & carries off  
stagnating water. The 3 last reasons apply  
to all Europe as well as London. The



been uniformly successful, it is  
owing to this not being dissected  
by a just theory - that is to this  
not being used in their proper time  
& in their proper quantity. - V

The excitement of the system has  
<sup>accidentally</sup> been taken down by cold air & heavy  
facts from Daignon & Savary,  
rains - & swimming <sup>m.</sup> across the Thames.  
It is perhaps Sweet Oil. -----

I must only add that it never  
appears in any City or Country  
without being the cause of dispen-  
sations & lies among Physicians,  
and that those Physicians are  
always the most popular who



~~V of the <sup>other</sup> malignant states of fever  
 whether from ~~some~~ yellow fever,  
~~some~~ Gout, smallpox, measles,  
 poisons whether of Viper, or mad  
 animals, or Opium are to be treated  
 with the same ~~remedies~~ remedies, as  
 the plague. I shall reserve them  
 under other heads. I shall only remark  
 that the disease induced on y<sup>e</sup> system  
 by the ~~bite~~ bite of a Viper - or  
 by an over dose of Opium, is as much  
 a state of malignant fever, as the  
 disease bro't on by an overprop.  
 of the <sup>remote causes</sup> ~~contagious~~ of the plague, or  
 yellow fever, & y<sup>e</sup> it yields to the  
 same remedies, particularly U.S. &  
 sweating.  
 Cases by Mr Allston & Dr Physic.  
 - a great discovery! - extends the~~



11 as long as possible <sup>and</sup> <sup>obtain</sup> <sup>and</sup> <sup>derive</sup> it  
deny its existence, - who <sup>obtain</sup> <sup>and</sup> <sup>derive</sup> it  
from importation. — Dr Hodges  
falsely V

12 The Incubating State of fever occurs  
in the plague - in the yellow fever,  
in the small pox (see Sydenham)  
- the Plurisy - the Rheumatism,  
& the Intermittent fever & the hectic  
fever & you have lately 1798 in madnes.

It is in all these cases,  
the effects of a morbid & excessive  
action in the capillary vessels. The  
English  
Incubating sickness is nothing but  
admitted to be generated in  
a state of the plague. Its cure  
Britain. But was common in other countries.  
consists in depletion, particularly

13 The fainting state of fever accom-

panied by the



13

Unity & Simplicity<sup>13</sup> of our system,  
by enabling us to unlock a door  
with our single key, which has  
been locked for ages. — ~~who~~  
~~ever cured the disease~~ ~~of~~ ~~who ever~~  
~~cured the disease~~ for vomits, acids &  
diluting drinks, have often been  
used to remove the disease from  
opium, but all to no purpose. <sup>depletion &</sup> It  
has at last yielded to ~~the power~~ <sup>the</sup>  
particularly to  
~~of the lancet~~ the first of all remedies,  
of that class, viz. — & described by <sup>moderately as</sup>  
the lancet — yellow fever. Called in <sup>Rhodes</sup> <sup>Island</sup>  
in 1723 the "Bussing Ague". was  
a mortal bilious fever.  
2 The gangrenous state of fever.  
Of this I have treated already under  
general state of fever, also of Synocha.  
in common inflammation & fever — But  
shall resume both hereafter under  
Local states of fever. —







parts of the liver, lose their insensibility  
so that no internal medicine can  
be given them. The blood is  
also much increased and the  
liver is enlarged as it is in  
all the limbs. It is the

of course & above all Carstius - Story  
of Candles by D. Stewart.

V The burning state of fever.  
whether partial or general  
see V. —

V Mr Webster takes notice of a  
peculiar & ravenous appetite which  
attended the chilly state of fever in an  
malignant Epidemic which prevailed  
in Leyden in 1683.



patient cannot bear his arms  
out of bed. — His hands & feet are

It is partial & general.

moreover constantly cold. I have

seen this Symptom often in the

yellow fever. <sup>this coldness & chills in</sup> ~~It yields~~ — not to  
malignant fevers —

the hot bath — or to cordial medi-

cines — but to repeated V.S. The

coldness & chills are the effects of

profuse, and of a tendency to death  
in the system. ~~The~~

The intestinal bilious state of

fever. I have already treated of

the highest grade of this state of

fever commonly called the

yellow fever. In its common



+ by eating pepper till the mouth  
is sore - and avoiding Spirits - Broths &  
long plucked fruit. The virus meets  
at our Stomach & pepper fortifies it  
it don't quicken the circulation. <sup>improving</sup>

<sup>I want agues - light dark milder</sup>  
V I have suspected the Colera  
morbus to be a bilious fever  
of the first grade, or a yellow  
fever. ~~Perhaps~~ It happily cures  
itself by depletion. Perhaps the  
Dysentery may be considered in  
the same light. It is less fatal  
than a yellow fever probably only  
because it is treated uniformly  
by purges which is a depleting  
Remedy. The Diarrhoea is the  
common bilious fever. The Colic  
is both according to its violence.



& mild state it yields to vomits,  
 purges, Blisters, & occasionally  
 ves. — when the patient is able to  
 walk about. Prevents any Bree — t.

The Intestinal state of fever. This  
 includes, Colera morbus, Diarrhea,  
 Dysentery & Colic. ~~of~~ ~~the~~

— The Remitting bilious fever ap-  
 pears in all the above forms,

~~The Colera morbus Diarrhea &~~  
~~Dysentery~~ <sup>particularly</sup> ~~appears chiefly in the~~  
~~summer months.~~ ~~They are all~~  
~~the febris intermedia of D. Sydenham.~~ <sup>the febris intermedia of D. Sydenham.</sup>

— The fatal fever appears, in the  
 form of Diarrhea & Dysentery.

— The Remedies for each of them.



## Colera morbus

Is a form of bilious fever begun in upon  
Stomach & bowels, or Stomach or bowels,  
for we sometimes see <sup>it upon both the former & again</sup> ~~it~~ in an obstinate  
Vom<sup>s</sup> - or purging only. It occurs chiefly  
in the Summer months. It seems as if  
were the fall of the Antient ~~is attended by~~ <sup>fever</sup>.

It is ~~induced~~ <sup>excited</sup> by 1 sudden change of air.

from Day to Night & hot to cool weather.

2 cups of summer fruits. 3 Acid Abriments,  
Drinks - and poisons. The last act at all seasons  
but most when a predisposition to y disease  
exists. Its Remedies are 1 bl in an inflam<sup>d</sup>  
const<sup>n</sup> of air. 2 Lix<sup>d</sup> Lead: by mouth &  
Glycer. 3 Demulcent Drinks & injections  
4 Anodyne plasters to Stomach & belly. 5 Cordial  
Drinks of spiced wine & spirit, ~~banilla~~ 7 for  
vomiting only, 8 milk & oaten roasted in a  
tea & Blisters & 9 must<sup>d</sup> Cataplasms.







at a time too when Intermittents  
prevail in the low grounds below  
those high situations. <sup>the bilious</sup> ~~The dysentery~~  
is fever has rarely been known at  
Princeton, German town, or White  
all of which are high situations,  
but the Dysentery often occurs in  
each of those places. <sup>It is excited by over</sup>  
<sup>winding to Delphium.</sup> ~~wine & damaged wheat~~

3 It alternates every other year in  
many ~~places~~ parts of the world. <sup>the</sup>  
the bilious <sup>yellow</sup> fever. This was the case  
in New Haven. ~~As~~ <sup>It</sup> is remarkable  
more died with the Dysentery than  
the fever - tho' the fever was of the  
first grade. The former was generated,  
but the yellow fever was said to be imported in a  
<sup>sailor's</sup> ~~baggage~~ <sup>admitted to be</sup>



I shall now ~~make~~ <sup>give</sup> remarks upon it of 5.  
~~contagious~~. It prevails more in  
high than low situations, owing to the  
cold cool air repelling the ~~pestiferous~~ <sup>perspiration</sup>  
upon the bowels. ~~Facts of Princeton,~~  
~~Germantown, and white marsh.~~ -

2. It occurs frequently in the season  
owing to the debility induced by  
the rapidity of that low kind of

Aliment inviting morbid excite-  
ment to the bowels. <sup>The fruit here is only  
the predisposing cause.</sup>  
~~It sometimes~~

<sup>decayed fruit - bad.</sup>  
-ment to the bowels. <sup>It sometimes</sup>  
~~although in some years with little fever.~~  
5. It affects country people more

than the inhabitants of cities,  
owing to the diet among the former  
people being of a less tonic nature

than the diet of the latter people.

Fact of the boys at the Jersey College.

6. It is more fatal to old people,



~~The ~~fever~~~~ = It likewise changes in  
the same year into bilious ~~fever~~ <sup>fever</sup> & vice versa.  
~~It even appears with malignity of yellow fever & ends in black vomit.~~  
Again - it appears under equal circumstances from  
different habits in ~~different~~ <sup>the</sup> during the prevalence  
of bilious fever. as weak bowels - irritating matters  
Vide -

§ Dr Clarkson saw a case of dysentery  
- very <sup>off</sup> in a salivation, why not?  
fever do so - see Dr Sydenham. Common  
in Egypt. Dr Denon. ~~skewer~~ <sup>skewer</sup> opinion.  
I have seen it go off in a vi:  
colent ophthalmia & Rheumatism.  
why not? It is nothing but  
a state of fever, & these constantly  
change into each other.

10 It is sometimes preceded like the  
Colicapsitomy by a palsy of the  
limbs by Rheumatism of joints & cracking of knee joints  
upper or lower extremities or the  
pains occur at the same time  
11 ~~exacerbations~~ <sup>exacerbations</sup> in Remittents. #  
+ Here you see its affinity to the  
or yellow  
bilious fever. worst cases no excretion  
of bile. Sometimes ~~by~~ <sup>by</sup> balls are discharged  
from irritation of bowels. Pyrexia ~~is~~ <sup>is</sup> sometimes ~~in~~ <sup>in</sup> remission only



& Children than to people in the middle  
of life. ~~It~~ <sup>It</sup> ~~is~~ <sup>is</sup> ~~in~~ <sup>is</sup> its mildest form

~~It is a most fatal disease, when~~  
~~When it prevails in a malignant constitution~~  
~~neglected in this first stage. and it~~  
~~of the air it is fatal under any treatment.~~  
~~is a deadly poison, and when~~  
~~in its mild form it is rarely fatal when~~  
~~properly treated.~~ <sup>physicians</sup>  
are called early, who understand it.

<sup>generally</sup>  
It ~~commences~~ <sup>commences</sup> with mor-  
bid excitement, & a stoppage in the excretion of bile, also <sup>the</sup>  
disturbance from absence of ~~the~~ stimulus of bile.  
A purge taken before the disease is  
formed, or while it is in a house  
on neighbourhood,  
often prevents it. Mr Hindley's facts

The Remedies for Dysentery are  
1st. when the epidemic constitution  
of the air favours <sup>violent</sup> ~~inflammation~~ diseases.  
- I have bled 3. 4. & 5 times in the year 1801  
after in the year  
Dysenteries of the ~~last~~ <sup>last</sup> years. Last  
year I bled <sup>of 22 times</sup> 22 times. On



= This is a most dangerous form of the disease. I have called  
it gonorrhoea of the bowels.

+ Country people harder to cure  
than Mr. Sonnani says the Egyptians  
who live on half cooked bread, & raw  
vegetables are so. —

✓ a handful of hazelnuts shells  
& all well bruised & boiled in 1/2 p  
of milk to one. Drinking it  
occasionally. — also milk &  
mutton fat a p. Q — also  
cold drawn bird seed oil — tallow &  
Rosh a p. Q cured it in Derry where it  
prevailed during the siege of that town in the  
reign of the King with <sup>m</sup> — cold milk  
cured it in Geo Roberts Inn.



been said by Dr Thury to get like  
 antagonist muscles upon each  
 other. The influence of stimuli  
 upon the skin, in destroying in-  
 -prezious upon the bowels is happily  
 illustrated by Dr Hartley by the follow-  
 formerly mentioned.  
 fact, If you give a Dog a dose of  
 the mus vomica, & immediately after-  
 -wards give him a severe whipping,  
 the vomiting will be effectually  
 prevented. <sup>the 1<sup>st</sup></sup> they be applied to the wrists before  
 the belly  
 of Bark. The pains of d<sup>r</sup> discharges  
 of in dysentery are often periodical.  
~~This has been noticed by Dr Mosely~~  
 Bark in these cases taken in the  
 absence of pain be seldom fruits of  
 curing.



+ sometimes a Chronic Dysentery succeeds  
the Acute Dysentery I have described. It is  
I have called Dysenterica. It is attended w:  
pain - bloody stools, & is protracted to one  
& two years. Its remedies are tonics Bark &  
& above all - riding on horseback, & change  
of climate. ~~protracted, no medicine~~  
~~I have seen deaths of all fish of human kind.~~

V, gentle <sup>light</sup> <sup>whirls</sup> of the air.

2 Gentle Vomits of Bile:  
and After <sup>2d</sup> ~~first~~ <sup>2d</sup> - yes in pregnancy;  
3 Demulcent Drinks - is.

After from Acridony, also  
✓ Absorbents as sub: test.

Traces as Dec. of Tormentil root  
white oak bark galls - alums,

First Kind - Above all Opium.

galls no 4 ag: but the w. of the Brandt's leafhopper, 98 fr  
 5 *Dermulicent & Histrio Glyptis*.  
 but the leafhopper, 98 fr: & the leafhopper.

Particularly Exce: Island:

6 Blisters - whole rep<sup>d</sup> to diff<sup>d</sup> parts. 7 activation. 8 cold

Baths, ~~to~~ 9 Change of water - 10 air  
11 Exercise. 12 Diet and drinks suited to



10. A ~~faturation~~ <sup>29</sup> ~~Or~~ <sup>Or</sup> ~~flash~~ <sup>flash</sup> commends  
it highly. It acts by creating an  
Artificial disease, & thereby destroys  
a natural one. - turn back to p 28  
A ~~diarrhoea~~ often succeeds a Dysentery.  
~~the former~~ the ~~chance~~  
which yields to ~~some~~ <sup>some</sup> remedies.  
July 10, or ~~these~~ <sup>these</sup> mild ~~not~~ <sup>not</sup> ~~ingests~~ <sup>ingests</sup>. +  
~~see~~ <sup>see</sup> 10 of practical ~~lectures~~ <sup>lectures</sup> p. 459.

The Colic - I shall here treat  
only of the bilious Colic, or Colic <sup>th</sup> ~~in~~ <sup>fever</sup> ~~turn~~ <sup>over to</sup> ~~over to~~ <sup>turn</sup>  
The causes <sup>ch</sup> induce Colic are 1 such  
things as affect the bowels primarily,  
such as inflam<sup>n</sup> from Asimony, ~~worms~~  
fruits - Stones of fruits ~~the~~ <sup>in</sup> ~~the~~ <sup>the</sup> ~~intestines~~ <sup>intestines</sup>  
- ceptiv<sup>to</sup> ~~the~~ <sup>the</sup> ~~Bubonicle~~ <sup>Bubonicle</sup> &c. 2 Ill digested  
Aliment. 3 Diseases of contiguous  
parts, as liver & kidneys. 4 Disor-  
ders of the whole system, as bilious  
fever,



the state of action in the pulse.  
when languid, Brandy or sweet  
Animal food. port wine, and

V Colic from bilious fever may  
~~be known~~ be known 1. by bilious fever  
living epidemic, or having been so. 2  
by chilly fit. according to Sydenham.  
3 Discharge of Bill: 4 pulse ~~which~~  
~~Webster~~ is generally active & tense.

This flat form of bilious fever  
often prevails a whole country as an  
epidemic. It ~~was epidemic~~ <sup>was epidemic</sup> in the Delaware  
state in 1793. It often ~~prevailed~~ <sup>occurs</sup> with our yellow fever.  
Webster mentions many  
similar instances of its general prevalence  
in European countries. The Remedies  
for it should be the same <sup>for</sup> as bilious  
fever, particularly copious V. purges,  
Glysters, warm Bath, Blisters, and  
Q. I shall hereafter treat <sup>of</sup> via Rifolia.



Gout, Hypochond & Hysteria. ✓

There is ~~such~~ often <sup>such</sup> an inversion  
of the peristaltic motion of the bowels  
~~in this disease~~ as to twist in, or to  
snap off hypoproctics & are introduced  
into the anus to open the bowels. I  
mentioned this retrograde motion in  
hollow cavities formerly. It occurs  
in the lymphatics - & Trachea as well  
as in the bowels. It even extends to  
the nerves. The Epilepsy is a retrograde  
motion from the feet & hands to  
the brain - or a ~~discharge~~ <sup>reflux</sup> of excite-  
ment of the system to the brain.

✓ [The bilious colic  
when a hypostom of bilious fever  
or of Gout, of Hysteria or Hypochond.]



+ The more so, if contraction  
of the bowels, or convulsions  
attend. —

✓ It is remarkable that a salivation  
comes before the bowels are  
open — by translation of excitement,  
or inducing a new & stronger action  
in the mouth, than in the bowels.

+ a discharge of Pepsitis always  
favourable.

Shall treat trial of Colic  
as ~~an~~ alimentary disease.



requires the same treatment as  
 each of those diseases] — where the  
 pulse indicates <sup>Inflamm<sup>n</sup></sup> by fullness - tension flow-  
 -ing, or depression ~~inflamm<sup>n</sup>~~ vs. will be  
 proper. + 2 purges are indicated in all  
 cases of Costiveness. 3 Emollient, &  
 gently stimulating Glysters. 4 Blisters  
 to the thighs & legs. 5. A salivation. V  
 Bath. & opiates After ~~the~~ Inflamm<sup>n</sup> is

subdued by depleting remedies. +

In the <sup>Colic which affects</sup> ~~Hysteria or Hysteria~~  
<sup>as Hysteria &c</sup>  
 the nerv. system only, Opium will  
 generally cure. From 9<sup>th</sup> to XX will  
<sup>merely relieve or Pinard's cases</sup> prevent it. — Dis<sup>ability</sup> is the

predisposing cause it shd be obviated  
 by strengthening the tone of the bowels  
 by bitter & Chalybeate medicines, &



grus h

Pain or fever. Sometimes burning -

It is acute & chronic. The acute is a furious  
disease, & general in its itself, or if it does not is  
~~or~~ yields to a simple purge & Lard, with pepper  
mint & camomile tea. It is a mild grade of  
inverted bilious fever. —

The ~~anemia~~<sup>often</sup> follows dysentery, & bilious fever.  
Is common in warm climates. ~~where it is~~<sup>alt. its</sup>  
called in Virg<sup>o</sup>: Venenward consumption? I have  
known it to continue from one to 15 years.  
Is a hereditary & family disease. Taylor — ~~more~~  
with occasional intervals. — It often begins  
in day & at night — ~~often~~<sup>often</sup> begins  
About middle life during the stage of arterial  
demonous plethora. — ~~Stoic subjects~~

## Remedies

100 when full for tense. The Discharge after  
measles used only by lancet. 7 vomits of bile:  
once a week. 3 Rhubarb pills. 4 Absorbents  
as pulse hot & fixed alb: 5 Demulcents when from  
Air-mony. Germ. Arab: flaxseed & hartshorn.  
6 Astringents as Tannin & Oak bark & galls  
Linos - above all galls. 7 Air: 8 or nutmegs  
Boil 1 lb in water add brandy  
1 lb of loaf sugar 9 3" to a group (och);  
10 7 Demulcent astring Glysters &



# as Ipec: 3i Zizy 3i Ag: 10fs. 8 Opium  
at bedtime & occasionally during the day  
in all the above med: - 9 Blisters alternat<sup>ly</sup>  
to wrists & ankles. 10 warm Bath - <sup>Dr. Wilson's method</sup> & in  
Immense cold Bath - cured Dr. Ewing. 11 Change  
in state of excretions - if Dark coloured  
strawberries - <sup>with port wine</sup> - vegetable - cured Dr. M<sup>rs</sup> Hall - if ~~the~~ green  
and acid - Animal, with spirits in water or  
on loaf sugar - or in flour.  
Porter sometimes cured it. 12 Change of air  
& water - & 13 Exercise. 13. flannel next  
skin. 14 warm feet. 15 avoiding all  
exciting causes. 16 a salivation. cured by nature  
in two instances by phlebotomy - myself & Mrs. Blake



✓ There is besides, an inability to  
evacuate <sup>even</sup> ~~even~~ from the use of the  
strongest sternutaries. There is a  
pain, or soreness upon pressing the  
region of the <sup>The lungs are sometimes</sup> ~~liver~~ the stools  
hard. —  
are green, & sometimes bloody,  
and the pulse is frequently soft +

— It has been properly divided into  
the acute & chronic states. — <sup>I wish</sup> ~~rather~~  
this ~~divine~~ natural division of many  
other diseases were more attended  
to. It occurs in Pharynx - Pneumony  
Rheumatism - Dysentery &c &c.

+ Sometimes comes on & runs its  
course without pain from causes before  
explained. The prev<sup>y</sup> symptoms are dulness  
encreased appetite - but now & then unusual  
good spirits.



of fever, I refer you to books. I shall  
 only add that I have seen a pair of  
 numbers in one of the lower limbs  
 to attend this state of fever in several  
 cases, more especially where it has  
 ended in suppuration. ✓

That the Hepatitis is symptomatic  
 and the effect of general <sup>littious</sup> fever I  
 infer from the specific tendency  
 which the ~~most~~ remote causes of  
 litious fever have to affect the di-  
 vers. e from its occurring only in  
 places & seasons which dispose to  
 the litious fever. The liver disease  
 of the East & West Indies is  
 nothing but a concentrated yellow  
 fever. This is abundantly evident



only to this effect, ~~in~~ for in  
diseases which require it in vast  
there is no inflammation as ~~of~~ Hydro-  
phobic - plague - Cholera - and Typhoid  
- the Typhoid. Remember always  
that disease consists simply in  
morbid excitement, & that the  
forms of it - are 1. <sup>constant</sup> continuous, or  
irregular action. 2. ~~suppressed~~ <sup>suppressed</sup> ~~excitement~~  
<sup>excitement</sup> ~~irregular~~ <sup>irregular</sup> ~~action~~. 3. ~~spasmodic~~ <sup>spasmodic</sup> ~~action~~. 4. ~~inter-~~  
~~mittent~~ <sup>intermittent</sup> ~~action~~ & partial heat - and  
5. ~~intermittent~~ <sup>intermittent</sup> ~~action~~. If this  
theory of disease be admitted, & ~~before~~ <sup>be</sup>  
~~applied~~ <sup>be</sup> applied to the force of all its  
~~different~~ <sup>different</sup> forms, it ~~will~~ <sup>again</sup> ~~be~~ <sup>rejected</sup> ~~again~~  
~~from the materia medica~~ will attain  
its preeminence over all other remedies,  
as long as man shall be subject to  
death from <sup>any</sup> other cause than the  
decay of his system by time or old age.



+ It is unfortunate for <sup>it</sup> VS, has always  
 been opposed by a false theory of disease.  
~~particularly of fever~~. 1 It was opposed  
 by Barbauld's doctrine of morbid matter,  
 for it prevented the operations of  
 nature in concocting & expelling this  
 matter. 2 It was opposed by D'Allan's  
 doctrine of putrefaction in fever, for  
 it was said to hasten it by inducing  
 in the solids <sup>relaxation</sup> & dissolution of the blood.  
 3 It has been opposed by D'Brown's  
 doctrine of debility - for it induces &  
 increases debility. 4 It is now opposed  
 by a <sup>erroneous &</sup> belief that it is a limited idea  
 of the nature of disease. It is said to  
 be proper only in inflammation <sup>of diseases</sup>.  
 Here there is <sup>both</sup> error & imperfection.  
 It is ~~proper in~~ inflammation is the effect  
 of disease. It is ~~proper in all the~~  
~~relationships~~ it has been confined



+ from Hydrogen.

~~V It <sup>likewise</sup> ~~moreover~~ affects men more  
than women in the ratio according  
to DeClark of 97. to 3.~~

~~# Change from Animal to  
veg. & veg. to Animal food always  
induces Diarrhea.~~



34 remote & existing causes - its -  
from its symptoms & method of  
cure. <sup>x</sup> Its remote & existing causes  
~~These are~~ according to

Dr Girdlestone <sup>is</sup> ~~all~~ <sup>in</sup> enervating causes -  
Its existing causes are by dig  
mata - heat - cold - intemperance  
passions of the mind - violent exercise - bad water  
& all the other ~~causes~~ <sup>causes</sup> of exciting  
want of reg: food - Abuse of <sup>+</sup> ~~the~~ <sup>the</sup>  
causes of bilious & yellow fever. Its

chills - intermitting a fever of  
symptoms are a repugnance to  
the remitting & in term kind &  
wine & Bark - . moreover its afflu

more under puberty which is  
characteristic according to Dr Hume  
of the yellow fever is the west

Indies. But the difference of the  
two diseases is indicated more char-  
-ly by the method of cure. This  
is 1 Bloodletting. Dr Clark drew  
from 4j to 4ij of blood in  
this disease in 48 hours in a



✓ I bled a young lady last ~~from~~ in the  
course of the last 4 months 38 times  
for this disease. It came on with  
symptoms of Chronic hepatitis - then  
became acute, & afterwards chronic again.  
It was occasionally attended with morbid  
excitement in the lungs & brain which  
threatened pulmonary Consumption & ~~pleg~~ Hy-  
drocephalus internus. The U.S. subdued all  
prevented death, but did not prevent  
a dyspnoea of the liver. It gath-  
ed above half a dozen times, and  
always with colic pains in the  
bowels. - This is very common, & sh<sup>d</sup>.  
never surprise, nor alarm us.



hot West India Island. As the disease  
 turns rapidly to suppuration, ~~and~~  
 the vs. to check it, must be copious,  
 and performed in the early stage of  
 the disease. I once ~~bled a woman~~  
~~the~~ 3,150 of blood from a Mrs Moffat  
 in this city by 15 bleedings in this  
 disease. Tho I saved her life, I did  
 not prevent a suppuration in her  
 liver. She is now alive. ✓

The 2<sup>d</sup> Remedy is ℞. To be effectual,  
 it must excite a salivation, & the  
 sooner this is done, the more cer-  
 -tainly suppuration is prevented.  
 It is remarkable that ℞ seldom  
 affects the mouth after the saliva<sup>n</sup>.  
 Suppuration has begun in the



✓ I is supposed to act specifically  
in curing the hepatitis or hepatic  
state of fever. This opinion took its  
rise in the infancy of our knowledge  
of the Action & Use of I. As a  
purgative it acts on the biliary ducts  
powerfully in scouring away obstruc-  
ted & impacted bile, but when  
it salivates, it acts in this dis<sup>ease</sup>~~order~~  
as in all other inflamm<sup>y</sup> affections  
of vital parts - viz: by <sup>exciting</sup> depleting  
~~than~~ another & safer action, &  
by depleting from a safe emunctory.  
Where sufficient V. has been  
used ~~this sort~~ a salivation for the  
cure of this disease is seldom  
necessary. It is remarkable that  
errors have their metastases as



~~Liver, owing to the suppuratory Action  
being too strong for the salivary  
Action of the mesenry. It is re-  
markable further - that when the  
G creates sores first in the mouth,  
it seldom salivates. This occurs in  
Other Cases, as well as in the hepatic  
State of fever. —~~

An inflamm<sup>n</sup> of the Liver termi-  
-nates either in suppuration,  
or schirus, but seldom, perhaps

nerves in a general gangrene.

nerve in a general ganglion.  
It terminates likewise in an absorption of the  
substance of the liver - as in the case of myeloid  
the corpus callosum terminates in the  
Dendrum.

externally, 2<sup>ly</sup> into the ~~bone~~ Prodynium.

3 Into the cavity of the Abdomen.

44 Into the cavity of the Thorax  
or the substance of the lungs by



well as  
diseases. Formerly every viscus  
had its specific vegetable remedy.  
For the lungs, there was lung  
wort, & for the Liver - Liverwort.  
- It has supplied the place of these  
specifics, - for a while it was  
confined to diseases of the liver,  
then applied to the diseases of  
the brain. ~~As soon as the cause~~  
~~of disease~~ It has lately been applied by  
Dr Rush to the diseases of the  
bowels. <sup>a Discovery of</sup> Reasoning upon the prox  
imate cause of disease, and of  
the manner in w<sup>ch</sup> medicines  
act has lately taught us that  
it is alike proper in all diseases,



~~and perforating the Diaphragm. In~~  
~~the two last cases, it is most com-~~  
~~monly fatal. <sup>as into the</sup> ~~the~~ Pericardium. all~~  
~~this Dr Clark informed me - without the least pain.~~  
~~when it points outwards, it~~  
~~should be opened. Death is always the~~  
~~consequence of its opening of itself. -~~  
~~Two out of 3 recover, where the~~  
~~matter is discharged by an operation.~~  
~~One case only misapprehend 1798~~  
~~1 - To promote its discharge ~~internally~~~~  
~~into the Pericardium, an Emetic has~~  
~~been given with advantage. <sup>It succeeded in</sup> Mrs~~  
~~Woffat's case. The sudden irruption~~  
~~of the matter even in this way, has~~  
~~in two instances, that came under~~  
~~my knowledge induced sudden death.~~  
~~by chronic cases Dr Dishways w. resist & a~~  
~~stimulus for the intermitting state~~  
~~of fever. see no 3 of Lectures on~~  
~~the practice of Physic.~~



When action & depletion  
are required. To confine its use  
to Hepatitis is as absurd as it  
would be to confine Opium to  
the tooth act, or Bark to an  
Intermittent fever. 3 purges. 4 Blisters  
to the part affected.

X. You see from the history of this disease  
that this suff. of the yellow fever,  
like of w<sup>ch</sup> the Hepatitis is a suffor.  
It is indigenous of all warm  
countries. It prevailed formerly in  
Spain - Italy - Holland - & even in  
England & Ireland - It is most common  
in the E & W Indies & in the  
Southern States of America - Lately  
in middle & North States of America,  
in w<sup>ch</sup> it has been proved, and



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On the pulmonary state of fever.  
see p: 126 of Vol 1. of Lectures on the  
practice of Physic.

On the originose state of  
~~Hydrophobia~~ or Cynanche  
fever. This includes the Angina  
from Cold, - the Cynanche from  
Contagion - called the Cynanche ma-  
- ligna - & Scarlatina, & lastly the  
Cynanche trachealis : of each of  
which in Order.

1 Cynanche from Cold is subdivided  
according as it affects the Pharynx  
Larynx, and tonsils. The tonsils  
sometimes suppurate, & often  
discover small Ulcers. It is very



Admitted to be of a domestic origin.  
- particularly in ~~Balti~~ Baltimore  
New York -

Boston - Newburyport - also  
in Harrisburg in Penna &  
on the waters of  
Genesee in New York State. It  
~~has been~~ in Philad<sup>a</sup> only it has  
been denied, but we are proof  
of import<sup>n</sup> was discovered. As  
absurd to suppose it as y<sup>e</sup> m<sup>o</sup>ri:

- came are imp<sup>d</sup> from the light  
- great import. one to know this - yet  
- It is a ~~light~~ grade of bilious fever.  
will thus guard as it - lightning - present  
differs no more than different

states of small pox, measles &  
by its different <sup>of</sup> symptoms adm.  
bilious fever, in part owing to  
different treatment - the yellow  
color - low pulse - cool skin &c.



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apt to recur when once it has taken  
a hold of the Constitution.

The remedies are 1<sup>st</sup>. 2 purges.  
3 Blisters. 4 fumigations. —

2 The Cynanche maligna.

This state of sore throat is called  
putrid. But it is no such thing. It  
is as truly <sup>a disease of great morbid action</sup> ~~an inflammation~~ as the

Rheumatism or pneumonia. The  
stimulus which induces it is more  
rapid in its operation than ~~in any~~ <sup>most</sup>  
other fevers. It may be compared to a  
soap bubble which soon bursts  
& destroys itself. The gangrenous  
state of this fever generally comes  
on, on the 3<sup>rd</sup> but sometimes



<sup>th</sup> come on the 3<sup>d</sup> or 4<sup>th</sup> day,  
are all prevented by early &  
copious depletion. Part of Dr  
Sydenham & Dr Worsley, inflam<sup>y</sup>  
& putrid fever.

Then in multiplying diseases,  
or the causes of diseases, we resum:  
- ble the Savages who <sup>place</sup> ~~associate~~ a  
separate deity <sup>over</sup> of every element,  
but by resolving all the diseases  
into one morbid action, & ~~from~~  
one stimulating cause, we  
resemble rational philosophers  
who ~~place~~ discover, and acknowledge  
one Being only at the head of  
the Universe.

Physicians I grant require  
the confidence & admiration of



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on the 2<sup>nd</sup> & even on the 1<sup>st</sup> day. all  
its first symptoms indicate violent  
<sup>myotic</sup> inflammation & action.

The remedies for it have been  
& vomits, gentle purges, - Bark,  
wine & frictions of myotic,  
& a salivation! also  
Vinegar to the throat, & But  
Dr. Smith; Gas of nitric acid.  
There are cases in which V.S.  
<sup>may</sup> might be used to advantage. I will  
recollect to have heard my master  
lament the loss of an English sweet  
man who died with this disease in  
1762 from the want of V.S. - This  
symptoms were <sup>at first</sup> inflammation: but  
the family to which he belonged,  
objected to his being bled, because



their patients by multiplying  
the means & causes of diseases. —

Thus Childum esteem a man  
who <sup>poppes</sup> ~~rattles~~ 100 ants in his  
pocket, much richer than  
a man who poppes only a  
single dollar. go to 43 no 2 —  
for suppurative state of fever



it <sup>been</sup> had <sup>condemned</sup> it in a putrid sore  
 throat. I have used it ~~this year~~ in  
 several cases, in ~~most~~ <sup>Barrett</sup> 4 times in  
 all. How does Bark act in this fever?  
 when it cures it? — <sup>Answer</sup> —  
 - By overcoming the indirect debility  
 induced on the system by the stimulus  
 of the Contagion. But why does  
 not the Bark do the equal service  
 in the gangrenous state of the  
 yellow fever. <sup>Answer</sup> Because the stimulus  
 is <sup>of a</sup> weaker <sup>nature</sup> in the sore throat  
 than in the yellow fever, & because  
 there is less congestion in the  
 sore throat in vital parts than  
 in the yellow fever. The congestion  
 is in the throat chiefly. The



✓ has been celebrated in this disease,  
the prep. of it has always been  
partial, even in the hands of  
Dr. Eothergill who introduced it into  
practice in this disorder. I am sure  
that it requires depletion & is used  
early, either by Ph. or vomits, I  
believe it to be as successful as it  
is in any other inflammatory state of fever.

✓ I have once seen it epidemic  
in this city without the least mixture  
of sore throat. —

It sometimes affects the trachea  
producing ~~this~~ croup trachealis.



disease moreover has a more  
 or centrifugal  
 external determination than  
 the yellow fever - and hence the  
 eruptions on the skin which  
 attend it. However much the <sup>Body</sup> <sup>a disease of life</sup>

3 The Scarlatina is <sup>a disease of life</sup> inflammation  
 morbid action  
 than the malignant fore-throat.  
 It is said to depend upon a different  
 It depends probably upon a different  
 remote cause  
 - its contagion different from  
 the malignant. - But Dr. Huxley

But it is of consequence whether  
 it is, or not, for the case must  
 be regulated by the state of the system,  
 particularly - the state of the  
 pulse. The remedies are  
 1. &c. I have frequently bled



✓ Certain diseases become famous in history  
by destroying great men. ~~Some~~ The intestinal  
fever put an end to the lives of James I. & Oliver  
Cromwell - The Colic killed Luther, & the Stone  
his Isaac Newton - The Agnuche Inhibialis  
will be equally known by future ages <sup>as</sup> ~~for~~  
~~being here the~~ the disease which deprived  
the world of the illustrious Washington.

+ In this way Dr Withering used

them. ~~Now~~ Chalon's case.

○ A swelling, or pains in the limbs  
are always favourable.

Jaundice & cold feet the reverse.  
The Swelling, <sup>which</sup> I used it to be cured by purges &c.

+ Prophylaxis - the same as  
an anti-sore throat

our both see Cullen - Johnson &  
Withering - also Bach of our Country.



in the Scarlatina<sup>41</sup>, & ~~on some~~ <sup>always</sup>  
cases I have ~~bled twice~~ <sup>the</sup> up.  
2 vomits - these are extremely  
useful - . They evacuate Bile, for  
this excretion is affected in both  
the Cynanche maligna & Scarlati-  
na. They moreover deplete by  
sweating, & thus reduce the morbid  
action of the blood vessels. They  
th? be used 2 or 3 times a day.  
3 When the throat is affected

Immigrations are useful. —

4℥ in such Doses as to excite a  
5 Blisters. the  
salivation. - ~~This is enough.~~

The *Cyniriche trachialis*.

~~This disease occurs from the~~



✓ twice in 1799. 1800. Mrs. Mounts' girl  
& Kitty Vorhees.

✓ ~~This division is improper~~ In both there  
is morbid excitement in the Sacra. Perhaps  
the membrane is the product of common  
inflammation & that where there is no  
membrane, the morbid excitement <sup>transcends inflammation</sup> is  
~~transcends the inflammation~~ It has lately been  
called by Prof. Frank Sacculitis - which  
claps it with ~~the diseases of the vagina~~ <sup>the diseases of the vagina</sup> It is



Stimulus of Contagion, as well as  
 from Cold. I have seen ~~in~~ it  
 accompanying all the states of Sore  
 Throat - also the small pox, &  
 measles. - <sup>Dr. Hays says yellow fever</sup> ~~It is most frequent in~~  
~~cases~~ ~~It~~ I have once seen a Rhinor-  
 rhoea suddenly translated to the  
 Windpipe where it produced a  
 genuine Cynanche trachealis. <sup>Dr. Hays.</sup>  
 - Its most frequent ~~cometelane~~  
 is Cold. - It affects Children chiefly,  
 but ~~it~~ I have <sup>5 or 6 times</sup> ~~twice~~ seen it in  
 Adults. - <sup>once the effects of it in a man</sup> ~~It is~~ ~~Spasmodic~~, &  
~~from Virginia.~~  
 I have divided it ~~into~~ in my pub-  
 lication into Spasmodic & Humoral.  
 The former affects the bronchial



Sometimes periodical, in which case it is probably  
the spasmodic form of disease probably takes place. The  
disease it has lately been  
called Tracheitis by Dr Frank a  
German Physician.

+ morbid action generally transcends inflam<sup>n</sup>  
- This Dr Dick of Alexandria has proved - for  
out of 6 dissections he found no signs of  
inflam<sup>n</sup>. - I once ~~dissected~~ dissected a child, & found  
no sign of disease in the trachea, or glottis, - no  
not even ~~any~~ lymph itself. - I wish we could  
reject inflam<sup>n</sup> as we have done Delirium, apoplexy<sup>n</sup> as the  
cause of disease - & class it with these as ~~one of the~~ <sup>one of the</sup> ~~causes of~~ <sup>causes of</sup> disease  
It may be considered as  
or morbid ~~to be~~ excitement.

pneumony in the trachea. I  
have seen ~~redness~~ in the trachea.  
But suppose it sh<sup>d</sup> not occur -  
- no more happens <sup>n</sup> sometimes  
- <sup>n</sup> what ap.  
- occurs after the effusion of water  
in the head, & what ~~about~~ <sup>generally</sup>  
happens after pus is formed in  
the lungs. The inflam<sup>n</sup> now



the latter the blood vessels of the  
trachea with true inflamm<sup>y</sup> action<sup>th</sup>.

I once supposed the matter effused  
& w<sup>ch</sup> hardens into a membrane  
in the trachea to be mucus, but  
Some late dissections & Observations,  
<sup>now</sup> satisfy me that it is Lymph &  
that is formed from inflamm<sup>n</sup>:  
exactly in the same way that the  
membrane is formed ~~to~~ after puer:  
ery on the pleura, and on the  
Intestines after an inflamm<sup>n</sup>: of the  
bowels. <sup>✓</sup> This the disease then

being proved by this membrane to  
be <sup>from violent & morbid excitement.</sup> ~~inflamm<sup>n</sup>~~. The Remedy is

100. I bled a child of Mrs In<sup>o</sup> Camell;



disappears: — a similar membrane  
is formed after inflam<sup>n</sup> in Pannony  
When the lungs adhere to the Pleura,  
after inflam<sup>n</sup> of the bowels, and  
as I shall say <sup>hereafter</sup> after an inflam<sup>n</sup>  
of the brain in Hydro: intestines  
together the Lymphaticae trachealis  
~~It~~ occurs from <sup>the same</sup> causes which  
induce ~~inflammation~~ <sup>other states of</sup> fever as cold, —  
also ~~and~~ miasmata ~~the~~  
Wilson's Child? ~~It is diseases which~~  
produce yellow fever & the contagious ~~which induce~~  
~~are inflammation~~ ~~no~~ small pox — Rheuma  
It occurs as in Rheumatism  
: ~~tinea~~ — Scarlatina — & Other states of  
Sore throat. —

inform you  
~~I am happy to find that this~~  
that this disease <sup>which</sup> ~~of~~ years was  
usually ~~has~~ lately been forced by  
generally fatal, in this city, rarely  
~~very successful use of it~~ ~~is~~  
fatal now, owing to the general use  
~~of the~~ Physicians of this  
of the Remedies I have mentioned.



of 4 years old 3 times in one day  
in this disorder <sup>case</sup> & thereby saved its  
life. I ~~used~~ <sup>cured</sup> Child of the Billingtons  
of 3 ~~years~~ <sup>months</sup> old, by the same remedy,  
3 times in one day in a Child of 3 months old & 3<sup>rd</sup> of  
- In short - I prescribe it in all  
(stomach by Dr Physick 1800)  
cases, & always (when called early)

with success. — +  
Tart Emetics best. often rep.  
2 Vomits, & 3 purges, with each of  
it should be given in large doses.

a new Action sh<sup>d</sup>? be excited in  
the best by Stimulating Cataplasms,  
& on the skin by Blisters. — only.  
3 Leuca — Debauch — or an auxiliary  
like the Spasmodic state requires  
is a small sword in a battle, compared with  
a moderate degree of the same  
musquetry, full pikes & mortars. — ✓  
remedies - in addition to them - the  
Medicines <sup>5</sup> Opium sh<sup>d</sup>? be used.  
the last where Spasm attends.



who formerly condemned it. — ~~There~~  
~~this~~ ~~over~~ ~~gent~~: has long  
 practice in many instances been  
 secretly or publicly adopted by  
 men who reject my principles,  
 & who when they <sup>are forced to</sup> adopt them  
 do so <sup>carelessly & ignorantly</sup> as to the physicians  
 of other countries. ~~There are But~~

✓ Phrenitis — is <sup>acute</sup> inflam<sup>n</sup> of the  
 brain from ~~low~~ idiopathic &  
 Symptomatic Causes — former affect  
 brain directly — the latter indirectly the  
 other parts of the body — are most common.  
 Remedies — V. S. — purges — Blisters —  
 Cold — ice &c — as formerly used.  
 Abstraction of light & sound.



45

Of the ~~Acumens~~ cephalic

State of fever. This state of fever  
may be subdivided into the <sup>the phrenitic,</sup> apoplectic  
~~proposition~~ <sup>Lethargic or vertiginous state</sup>  
~~the paralytic - the hydrocephalic~~  
~~all the maniacal states of fever.~~ <sup>or</sup>  
each of which I shall make a  
few remarks. ——— <sup>the phrenetic</sup>

Apoplexy arises from many  
causes, the remote causes of fever  
often induce it - particularly con-  
tagious of all kinds. It is <sup>induced</sup> ~~the~~ by  
the contagious of the plague - yellow  
fever - jail fever & for all sort -  
and even the Influenza produces  
a tendency to it in vertigo. Grassh  
verminata induce all these <sup>morbid</sup> Affections



X This form of fever appears frequently  
in the plague, & other malignant dis-  
-eases. It sometimes proves instantly  
fatal from contagion, or miasmata  
suddenly destroying the excitement of  
the brain. I have seen it occur every  
other day in a tertian. Its remedies  
are such as have been recommended  
for <sup>the</sup> malignant & intermitting states  
of fever. - For the former 1 v.s. and  
cupping, 2 glysters. 3 Blisters to the  
head & neck - 4 Cataplasms to the  
chest - 5 a salivation. For the inter-  
mittent state 1 v.s. - 2 Blisters, & 3 Glysters.

The paralytic state of fever is  
less common than apoplectic,







It occurred in 1793 in a few instances.  
Sometimes it appears in the form  
of Paraplegia, or is an inability  
to move the lower extremities <sup>remittent</sup> - ac-  
-companied with ~~an~~ <sup>retention</sup> of  
urine. I have several times seen  
the latter symptom in the yellow  
fever. The Remedies are V.S. purges  
- Blisters, & all the others used for  
fever formerly mentioned. <sup>according to</sup> regulated  
the state of the pulse. The Urine  
shd be extracted by the catheter.  
I once saw this form of fever end  
in Chronic paralysis. It was in a  
boy in the hospital. He was cured  
by 2 or 3 sneezing activations.

Go to p 51.



is effusion - it is called by Hoffman  
hemorrhagia cerebri. — The effusion  
whether of blood or water, is from a  
rupture, or an overstretching of the  
blood vessels of the brain. It has been  
said <sup>by De Cullen</sup> that the lymphatics of from the  
effusions of blood & water are totally  
different, & that they require <sup>a</sup> different  
treatment. — ~~But this~~ The effusions  
of blood has ~~been~~ given rise to the  
name of seriginous — of water  
to the name of serous apoplexy,  
but these names are highly  
improper, as much so as the  
terms inflamed & putrid are in  
the beginning of fever. The



✓ ~~do~~ Let <sup>us</sup> not suppose from the  
presence of water or Blood in the  
brain that they are necessary to  
produce apoplexy, or that they are  
always its cause. They are often its  
effects. Great morbid excitement  
may produce it independant of blood  
or water. This is the case where Apo-  
plexy arises from Electricity, emotions  
of the firm<sup>ly</sup> - poisons of all kinds.

Symptoms of Paleness, Coldness &  
 low & slow pulse which are said  
 to designate the serious Apoplexy are  
 the effects of the highest Degree of  
 Impure, and arise alike from  
 blood & water. Of this I have satisfied  
 myself by examining all the  
 dissections I have been able to lay  
 my hands on of the brains of persons  
 who have died of Apoplexy. Dr.  
 Cullen has kept up this erroneous  
~~specious~~ distinction between Angeri-  
 nous & serious Apoplexy. ~~It ought~~  
 to be rejected as Absurd, and  
 leading to fatal practice. ✓

Apoplexy from the Causes



+ The other remote & exciting causes  
of apoplexy are, intemperance in  
eating & drinking. 2 ~~other~~ <sup>v. rapid</sup> & contusions  
from falls & blows 3 fixed air. — and the  
fumes of lead &  $\&$ . 4 Electricity 5 large  
doses of Opium — 2i in a Glyster. Dolus.  
6 Smoke of Tobacco  $\times$  7. Insolation.  
8 Long application of the Understanding  
& passions to One Subject. 1778. Murray;  
Case: Baglivi's fact. 9 Interruption of  
artery hemorrhages. ~~to~~  
Its exciting causes are, 1 violent  
dancing exercise, 2 Stoozing. 3 tight ligatures  
round neck & feet &c. 4 Intoxication.  
5 Indigestible matters in the stomach  
Chase — Clams & 5 hot Bath. 6 Anger  
mixed: & German, & joy. 7 Long & loud  
Speaking. Munk — & other Preachers.  
8 wet feet — Languor & Lost — 9 Damps  
cold winter. — see  $\times$  of p: 374 no 9. — Its

49.  
of fever, may be known by coming  
on in the season when common  
fevers are epidemic, & from having  
some of the characteristic marks  
of those fevers. E.g. Jos. Hensley, <sup>late steward of hospital,</sup> had  
yellow eyes - Green stools & hiccups,  
all of <sup>which</sup> belong to the bilious fever.  
pneumonia - what? see no 9 - 375.

The more fever in a proportion, the  
less danger. It shows a diffused, instead  
a concentrated morbid action, ~~pending~~  
a vital organ. This unmarked by Hippocrit:

<sup>sometimes some</sup>  
The pulse is various - full <sup>soft</sup> -  
tense - small - scarcely perceptible, &  
slow - from 62 down to 7 strokes in a  
minute - They all call with equal  
vehemence for

1 lb. - This should be copious.  
Dr. Dewees was saved by the loss of



see n<sup>o</sup> 9: p: 375 headach  
precursors are ~~thirst~~ - troublesome dreams  
- sleepings - indistinct vision - timidity  
Annum, <sup>&</sup> eyes suffused with blood. U.  
now prevents the disease. I

+ Do not cease bleeding, until you  
~~release~~ draw off 150 <sup>or 200</sup> ounces of blood,  
provided any one morbid state of  
the pulse indicates it. By such <sup>copious</sup>  
U: I believe apoplexy would soon  
be as certainly disarmed of its  
mortality as the yellow fever. The  
~~solid 20. blood 20~~ - in apoplexy - the arteries <sup>st-</sup>  
where <sup>blood 35</sup> - restore equilibrium  
where U: cannot be used go to it  
no 9. pract. lectures. p: 376.

740 at once <sup>50</sup> — As the cure depends  
upon ~~the~~ extracting the pressure  
instantly from the brain blood sh<sup>d</sup>.  
be drawn at the same time from  
both arms. — After the pulse is,  
I will not say reduced, but made  
regular — if any symptoms of the  
<sup>case,</sup> disorder remain, Cupping sh<sup>d</sup> be  
used, for it is now a <sup>case</sup> local disorder,  
& the blood vessels are relieved from it.  
~~The other remedies~~ But +





The Paralytic state of fever is only  
 a less grade of the Apoplectic - produced by  
 a less predisposition to cephalic con-  
 -gestion, or a more feeble operation  
 of the remote & causes which excite  
 it. The Remedies for it are the same  
 as for Apoplexy - particularly  
 copious V.S. - Mrs Hensley the Sister?  
 of the Hospital is now recovering  
 [Feb: 1796] of this state of fever  
 by 13 V.S. - three Cuppings - daily  
 purging ~~and~~ Blisters & a salivation  
 The Lethargic, & vertiginous states of  
 fever are a tendency to the Apoplectic  
 states of fever. They are very common.  
 & paralytic. & can be cured by a smaller  
 portion of the Remedies formerly menti-  
 oned for Adip states of fever.



V The worms determine by natural  
or acquired Association of Action, the  
Blood to the brain. When discharged  
~~they are said to~~ the Disease is said  
not be Hydroceph: inter: - but this  
'Don't follow - for if they had rem?  
Death w? probably have been the  
consequence. -

52  
The Hydrocephalic state of fever  
affects children chiefly, from causes  
<sup>ch</sup> I have enumerated in my inquiries,  
but it sometimes affects adults,  
It succeeds long Chronic Head aches  
apoplexy - Epilepsy & mania. It  
is produced by contusions & blows  
in all ages. But it is most  
frequently a symptom of general  
fever. ~~It occurs~~ hence it occurs  
most frequently in those seasons  
in <sup>ch</sup> ~~it generally~~ <sup>appears</sup> the  
fever is epidemic. It occurs  
from an intermittent - working  
too from the suppression of discharges  
from the skin - and often ensues  
pulver<sup>y</sup> consumption [orip flower]  
& dysentery. The water is always  
the effects of inflammation. - This



1 From its causes - being those  
which induce <sup>modified action in the</sup> ~~inflammation~~ <sup>sub-brain,</sup> ~~inflammation~~  
particularly blows & falls. <sup>etc.</sup>  
always induce inflammation.



I infer<sup>V</sup> from the symptoms - as  
~~now~~ hard pulse & pain. 3<sup>ly</sup> from the  
~~suddenness~~<sup>the</sup> appearance of inflam<sup>n</sup>  
in the brain after death, & ~~and from~~  
~~a membrane~~ Five out of eight  
of the brains I have examined had  
strong marks of inflam<sup>n</sup> - and  
where there was an absence of  
inflam<sup>n</sup> it appeared that the vessels  
<sup>been active beyond their inflam<sup>n</sup> point so that they</sup>  
had relieved themselves by an effu-  
sion of water, - a common case  
after the formation of all the  
effects of inflam<sup>n</sup> as Abs<sup>n</sup> - meningi-  
~~assisted action transuded~~  
-brane & shivering. But further.  
~~Inflammation~~ <sup>morbid action on</sup>  
- The existence of ~~passion~~<sup>in</sup> this  
case is proved by another appear-  
-ance <sup>it</sup> succeeds ~~inflamm<sup>n</sup>~~ - viz



+ Anomoea, Thyrothorax & all  
from the same cause, as I  
shall say hereafter.

Pain & cease upon the effusion  
of water in the Ventricles of the  
Brain. This is remarked by Dr  
Bothingill & Dr Whyt. It led <sup>Dr</sup> into  
a mistake. —

✓ Its efficacy has been ascertained in  
several hundred instances since its use  
~~and~~ has become general in this city.



membrane such as occurs between  
 the Pleura & Lungs, & in the <sup>chyliferous</sup> Trachea  
 - his. Of this very late <sup>injections</sup>  
 pupil Dr Cox has lately <sup>furnished me</sup> transmitted  
 with <sup>me</sup> a remarkable case from  
 London. <sup>which you may</sup> I shall read, it. These facts  
 amount to a demonstration of  
 the proximate cause of this disease  
 being <sup>marked action</sup> inflammation: & prove that water  
 is the effect only of <sup>this</sup> ~~inflammation~~ <sup>marked action</sup>. —  
 But the <sup>true nature</sup> ~~is~~ state of this disorder  
 appears & from the remedies which  
 cure it. These are 1. <sup>which acts by</sup> ~~reducing marked action & inflammation~~ — This sh<sup>d</sup>  
 be copious and frequent. ~~I have~~  
~~never lost a case~~ I had bled a boy  
 of 4 years old 4 times in this



